

ABSTRACT

An apparatus utilizing sound-image localization for distributing/sharing audio secret information is provided, the apparatus comprises: a first signal processor for distributing/sharing at least one target sound as secret information into a plurality of stereo media, wherein the distribution is performed such that the sound-image of the target is shifted from the center position of the head when said plurality of stereo media are simultaneously played to be heard in a binaural manner; a second signal processor for distributing a plurality of decoy sounds as disturbing information into the said plurality of stereo media, wherein the distribution is performed such that the sound-image of the decoy sounds is localized to the center position of the head when said plurality of stereo media are simultaneously played to be heard in a binaural manner.